

~~Gwid~~, SZABO, Gwid

POLAND / Chemical Technology. Chemical Products and Their H-17  
Application, Part 3. - Drugs, Vitamins, Antibiotics.

Abs Jour : Ref Zhur - Khim., No 14, 1958, No 47763

Author : Kazimierz Dudzinski, Gwid Szabo

Inst : ..

Title : Manufacturing of High-Percentual Nicotine of Tobacco Refuse

Orig Pub : Przem. spozywczy, 1956, 10, No 1, 9 - 12

Abstract : A description of the equipment of the factory at Debrecen  
and of nicotine production from tobacco refuse by the Hunga-  
rian method, the distinguishing feature of which is the ex-  
traction by steam ~~instead~~ of by water in diffusers.

Card 1/1

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SZABO, Gyula, okleveles mernok

Description of some slips in Hungary. Melyepitestud szemle  
12 no.12:553-558 D '62.

1. Feldmeco es Talajvizsgalo Vallalat tervezoje.

SZABO, Gyula

About spring plowing. Mezogazd techn 1 no.3:6 '61.

SOMOGYI, Gyorgy; SZABO, Gyula

Modeling radioactive decomposition by the hydrodynamical  
method. Fiz szemle 13 no.6:189-192 Je '63.

1. Kossuth Lajos Tudományegyetem Kísérleti Fizikai Intézete,  
Debrecen.

HUNGARY

BAZALO, Gyula, Dr, chief veterinarian of Gyor-Sopron Megye; and HORVATH, Gyorgy, Dr, veterinary specialist

"Data on Human Ornithosis Spread by Ducks, and on Its Control."

Budapest, Magyar Allatorvosok Lapja, Vol 18, No 4, Apr 63, pp 151-155

Abstract [Authors' English summary modified]: Statistical data on the incidence rate of human ornithosis among workers of a poultry processing plant in Gyor. The source of infection was traced to two duck farms that supplied the processing plant. The workers contracted the infection aerogenically, by inhaling the infected feathers and downs. The incidence rate was reduced to a minimum by means of a new control method that involves spraying the ducks with water prior to slaughtering, and by plunging the carcasses in water prior to processing. No references.

1/1

nosus of the skull in general and the angiographic findings and surgical indications of the present case are discussed. 1 Hungarian, 19 Western references.

SZABO, Gyula, dr.; SZENASY, Jozsef, dr.

Cranioplasty in childhood. *Gyermekegygyaszat* 8 no.3-4:  
115-119 Mar-Apr 57.

1. Az Országos Idegsebészeti Tudományos Intézet (igazgató:  
Zoltan, László, dr.) közleménye.  
(CRANIUM, abnorm.  
cranioplasty, technics (Hun))

SZABO, Gyula

Periodic hot-air heating in dwelling houses. *Épületgépészet* 11 no.3:  
119-3 of cover Je '62.

1. Építéstudományi Intézet.

SZABO, Gyula, gimnaziumi tanar (Kaposvar)

Adam Paloczi Horvath, 1760-1820. Elet tud 15 no.27:835-838  
3 JI '60.



SZASZ, Frigyes, okleveles mernok; SZABO, Gyula; HORVATH, Zoltan;  
ZACHEMSZKI, Ferenc; ELSZASZ, Rezso; HERTER, Robert; KINCSES,  
Rudolf.

Town gas supply and distribution. Energia es atom 17 no.1:  
22-27 Ja'64.

1. Orszagos Koolaj- es Gazipari Troszt (for Szasz). 2. Koho-  
es Gepipari Miniszterium (for Horvath). 3. Koolaj- es Gazi-  
pari Tervezo Vallalat (for Zachemski and Elszasz). 4. Orszagos  
Energiagazdalkodasi Hatosag (for Herter). 5. Epitesugyi Minisz-  
terium Muszaki Fejlesztési Fozsztalya (for Kincses).

SZABO, Gyula

There will be a solar eclipse in Miskolc on February 15.  
Borsod szemle 5 no. 1:71-75 '61.

SZABO, Gy.; technical assistance: BERTOK, L., Mrs; PRAUSE, A., Miss.

Effect of noradrenaline on cerebral circulation and metabolism in ischaemic shock. Acta med. acad. sci. Hung. 14 no. 4: 287-294 '63.

1. Institute of Traumatology, Budapest (director: Gy. Szanto).

\*

SZABO, Gyula, tanar

Destructive hailstorm in the Mezokovesd District, July 11, 1962.  
Borsod szemle 6 no.5:80-82 '62.

1. Miskolci Eghajlatkutató Allomás vezetője.

JENEY, A., Jr.; SZABO, G.

Studies on the nucleic acid content of streptomyces strains. Acta microbiol. Hung. 10 no.3:271-275 '63.

1. Institute of Pharmacology (Director: T. Valnyi-Nagy), University Medical school, Debrecen and Antibiotics Department (Head: T. Valnyi-Nagy), Institute of Experimental Medicine of the Hungarian Academy of Sciences, Debrecen.

\*

KASZA, L., dr.; candidat in stiinte medicale; PALENC SAR, A., dr.; NIEMESS, A., dr.;  
LORINCZ, P., dr.; SZILAGYI, D. dr.; MAKAI, M.; SZABO, G.

Serum glutamic-pyruvic transaminase as a functional test in  
epidemic hepatitis. Med. intern. 16 no.1:87-96 Ja'64

1. Lucrare efectuata in Clinica de boli infectioase I.M.F.  
Tirgu Mures (conducator: prof.L.Kelemen).

\*

BARABAS, Gyorgy; KAROLYI, Geza; SZABO, Gabor; BALINT, Arpad.

Disruption of *Streptomyces griseus* by sonic effects. Kiserl.  
orvostud. 16 no.2:184-188 Ap'64

1. Chinoin Gyogyszergyar (Budapest), Debreceni Orvostudományi  
Egyetem Gyógyszertani Intézete, Orvosi Fizikai Intézete és  
Biológiai Intézete (Debrecen).

\*

SZABO, Gy; MAGYAR, Susan

The effect of noradrenaline on cardiac flow and performance in ischaemic shock. Acta med. acad. sci. Hung. 14 no.4:345-352 '63.

1. Institute of Traumatology, Budapest (director: prof. Gy. Szanto) and First Department of Medicine (director: prof. I. Rusznyak), University Medical School, Budapest.

\*



SZABO, Gyula

Hydrogeological conditions of the inner part of Budapest.  
Hidrologiai kozlony 39 no.6:416-424 D'59.

BOGNAR, Rezso; FARKAS, Istvan; F. SZABO, Ilona; D. SZABO, Gizella

Synthesis of saccharic acid derivatives and their reactions.  
Magy kem folyoir 69 no.10:450-453 0'63.

1. Kossuth Lajos Tudományegyetem Szerves-Kémiai Tanszeke,  
Debrecen.
- 2."Magyar Kémiai Folyoirat" szerkeszto bizottsagi tagja  
for Bognar).

SZABO, Gyula

Opening of the new Miskolc Observatory. *Magyar szemle*  
7 no.6:104-105 '63.

PASZTOR, Emil, dr.; SZABO, Gyula, dr.; SLOWIK, Felicia, dr.;  
ZOLTAN, Janos, dr.

Extra- and intra-cranially located cavernous hemangioma  
(a case of surgically removed cavernous hemangioma from the  
base of the skull). Ideggyogy. szemle 16 no.10:297-305 0 '63.

1. Az Orszagos Idegsebészeti Tudományos Intezet es a Kozponti  
Honved Korhaz kozlemenye.

(HEMANGIOMA, CAVERNOUS) (FACIAL NEOPLASMS)  
(SKULL NEOPLASMS) (PARIETAL BONE)  
(OCCIPITAL BONE) (CEREBRAL ANGIOGRAPHY)  
(NEUROSURGERY) (SURGERY, PLASTIC)  
(TOMOGRAPHY) (PATHOLOGY)

J. ARD, G.; MARYAT, S.; MOSER, I.

Passage of hemoglobin into urine and lymph. Acta med. et sci. Hung. 21 no.3:349-359 '65.

1. National Institute of Traumatology, Budapest. Submitted April 27, 1965.

SZABO, G. 1001

Domestic manufacture of a standard microgroove record player, p. 179,  
RADIOTECHNIKA, (Magyar Onkentes Honvedelmi Szovetseg) Budapest, Vol.  
6, No. 8, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

SZABO, Gabor

Output and power transformers of factory sets. Radiotechnika 10 no.3;  
Mr '60.

IVANSZKY, Endre; SZABO, Gabor

The Orion AT 611 "Budapest"-type television set. Radiotechnika 11 no.8:  
299-292 Ag '61



SZABO, Gabor

Conversion of the TERTA magnetophone. Radiotechnika 12 no.12:401-403  
D '62.

HUNGARY

KAROLYI, Geza, BARABAS, Gyorgy, SZABO, Gabor; Medical University of Debrecen, Institute of Medical Physics and Biology (Debreceni Orvostudományi Egyetem, Orvosi Fizikai és Biológiai Intézet).

"Apparatus for Mechanical Cell Disruption."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 5, Oct 66, pages 477-479.

Abstract: [Authors' Hungarian summary] A mechanical cell-disrupting device was designed which functions with added materials and is suited for the disruption of microorganisms, the production of cell-wall preparations and the separation of enzymes. The advantage of the apparatus is that it can disrupt, at one time, a relatively large volume (5-25 ml) of cell suspension with very good efficiency. According to the experimental results, 15 minutes were sufficient to disrupt the yeast cells used by the authors while the disruption of *Str. griseus* spores required 40-45 minutes. According to the experiences gained so-far, the apparatus may be suited for the disruption of other microorganisms as well. 1 Hungarian, 7 Western references. [Manuscript received 29 Sep 66.]

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- 24 -

URI, J.;SZABO, G.

The inhibition of the growth of dermatophytes by 8-hydroxy-quinoline. Acta physiol. hung. 3 no.2:425-429 1952. (CML 24:3)

1. Of the Institute of Pharmacology of Debrecen University.

URI, J.:SZABO, G.:OLAH, D.

A new medium for the cultivation of fungi and its advantages.  
Kiserletes orvostud. 4 no. 4:301-302 Aug 1952. (GLML 23:5)

1. Pharmaceuticals Institute of Debrecen Medical University and National  
Medical Mycology Research Station.

URI, J.; SZABO, G.; OLAH, D.

Ability of dermatophyte to produce antibiotic substances. Kiserletes  
orvostud. 5 no.2:87-90 Mar 1953. (CML 24:4)

1. Institute of Pharmacology of Debrecen Medical University and the  
National Medical Mycology Research Station.

KOVÁCS NAGY Z and SZABO G.

Orvostud, Egyet. Gyógysz Intéz. és Törvénysz. Orvost. Intéz., Debrecen. \*Biológiai test pharmacológiai és toxicológiai vizsgálatokhoz; feltételes reflexek tanulmányozására alkalmas készülék. Biological method for pharmacological and toxicological investigations: an apparatus for conditioned reflexes KISÉRL. ORVOSTUD. 1953, 5/3 (226-228) Illus. 3

The essence of the method is observation of the rat's running time to a cord which is stretched between 2 planks (A and B) and its creeping time along the cord from A to B. As unconditioned stimulus was used the food on the plank B, while the conditioned stimulus was light of different colours. Behavior changes caused by 8-quinolinol were studied. Detailed description of the method is given.

Endrőczy - Pécs

URI J., SZILÁGYI I. and SZABÓ G.

Pharm. Inst., Med. Univ., Debrecen. \*Achoricine, Wirkstoffe des Achorion gypseum. (Wirkstoffe aus Dermatophyten I). Biologically active substances from dermatophytes. Achoricin, the active component of Achorion gypseum. I ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/suppl. (49-50)

SO: EXCERPTA MEDICA - Section II, Vol. 7, No. 10

SZABO G.

Pharm. Inst., Univ. med. Sch, and Res. Lab., med. Mycology, Debrecen.

\*Production of antibiotics by dermatophytos ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest)  
1954, 5/1-2 (255-260) Tables 2

The production of antibiotics by 30 dermatophyton strains was studied in a mashagar medium, and cultivation of 19 strains was successfully continued in liquid media. Most dermatophytos pathogenic to man product antibiotics against both staphylococci and Esch. coli. The initiation of production and the amount of antibiotic produced were closely connected with the different phases of growth of the fungi.  
Bjornesjo - Uppsals (1V, 13)

SO: Excerpta Medica

Section XIII

Vol. 9 No. 1



SZABO, G.; VALYI-NAGI, T.

Studies on the resistance to streptomycin of Streptomyces griseus. I.  
Frequency of resistant variants, patterns of resistance. In English. p. 25.  
(ACTA FARMACOL. Vol. 7, no. 1, 1956. Budapest).

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957. Uncl.

SZABO, Gabor; LASZLO, Imre

Rapid streptomycin determination in fermentation liquid by diffusion method. Kiserletes orvostud. 9 no.3:320-323 July 57.

1. Magyar Tudományos Akademia Kiserleti Orvostudományi Kutató Intézete, Antibiotikum osztály és a Debreceni Orvostudományi Egyetem Egyetem Gyógyszertani Intézete.

(STREPTOMYCIN, determ.

rapid diffusion method for determ. in small amounts of fermentation liquid (Hun))

SZABO, G.; VALYI-NAGY, T.

A method to measure the production of antibiotic substances by the variants of *Streptomyces griseus*. Acta microb. hung. 5 no.1:3-10 1958.

1. Department of Antibiotics, Institute for Experimental Medicine of the Hungarian Academy of Sciences, Debrecen.

(STREPTOMYCES

*griseus*, quantitative measurement of antibiotic producing capacity)

SZABO, G.

Reactivation of ultraviolet inactivated *Streptomyces griseus* at low temperature. Acta microb. hung. 5 no.1:49-51 1958.

1. Department of Antibiotics, Institute for Experimental Medicine of the Hungarian Academy of Sciences, Debrecen.

(STREPTOMYCES, eff. of radiations on

ultraviolet inactivation of *Streptomyces griseus*, reactivation by incubation at low temperatures)

(ULTRAVIOLET RAYS, eff.

inactivation of *Streptomyces griseus*, reactivation by incubation at low temperatures)

SZABO, G.; DORY, L.

Investigation of compounds of sterane skeleton, II. On the structure of ergosteron isomers. p.243

ACTA CHIMICA. Budapest, Hungary. Vol. 19, no. 2/3, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959

Uncl.

SZABO, G, DORY, I, OPOCZKY, P.

Investigations of compounds of sterane skeleton. IV. Ozonolysis of ergosterin derivatives in a reactor of continuous process. In German, p. 67

ACTA CHIMICA. Budapest, Hungary, Vol. 20, No. 1, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb 1960  
Uncl.

SABO, G. [Szabo, G.]

Studying the development of resistance to streptomycin. Mikrobiologiya 28 no.4:522-526 J1-Ag '59. (MIRA 12:12)

1. Institut eksperimental'noy meditsiny Vengerskoy akademii nauk,  
Otdel antibiotikov, Debretsen, Vengriya.  
(STREPTOMYCIN pharmacol.)  
(ESCHERICHIA COLI pharmacol.)

HORVATH, Eva, Dr.; VACZI, Lajos, Dr.; SZABO, Gabor, Dr.; HERNADI, Ferenc, Dr.

Effect of antibiotic combinations on *Pseudomonas pyocyanea* strains.  
Orv. hetil. 100 no.15:541-544 12 Apr 59.

1. A Debreceni Orvostudományi Egyetem Mikrobiológiai Intézetének  
(igazgató: Vaczi Lajos dr. egy. tanár) és Gyógyszertani Intézetének  
(igazgató: Valyi-Nagy Tibor dr. egy. tanár) közleménye.

(PSEUDOMONAS AERUGINOSA, eff. of drugs on  
antibiotics in various combinations (Hun))  
(ANTIBIOTICS, eff.

on *Pseudomonas aeruginosa* strains, eff. of various  
antibiotic combinations (Hun))



DORY, Istvan (Budapest IV Ujpest, To u.l-5); SZABO, Gabor (Budapest IV Ujpest, To u.l-5); OPOCZKY, Pal (Budapest IV Ujpest, To u.l-5)

Investigations of compounds of sterane skeleton V. A new method of introducing a hydroxyl group into position 21 of 20-ketopregnane derivatives. Acta chimica Hung 24 no.1:83-89 '60. (EEAI 10:4)

1. Chinoïn Pharmaceutical and Chemical works, Budapest.  
    (Sterane)      (Hydroxyl group)      (Carbonyl group)  
    (Pregnane)      (Aldehydes)      (Steroids)  
    (Corticosterone)      (Acetates)

BARABAS, Gyorgy; SZABO, Gabor; VALYI-NAGY, Tibor

A micromethod for the determination of the dry Streptomyces content.  
Kiserletes orvostud. 13 no.3:332-335 Je '61.

1. Chinoin Gyogyszergyar es Magyar Tudomanyos Akademia Kiserleti  
Orvostudomanyi Kutato Intezetének Antibiotikum Osztalya. Debrecen.

(STREPTOMYCES)

DORY, Istvan (Budapest); SZABO, Gabor (Budapest); OPOCZKY, Pal (Budapest)

Investigations by means of compounds of sterane skeleton. V. A new method for introducing the hydroxyl group into the twenty-first place of 20-keto-pregnane derivatives. Kem tud kozl MTA 15 no.1: 29-34 '61. (EEAI 10:6)

1. Chinoin Gyogyszer es Vegyeszeti Termekek Gvara, Budapest.  
(Sterane) (Steroids) (Aldehydes)  
(Corticosterone) (Acetates) (Hydroxyl group)  
(Carbonyl group) (Pregnane)

SABO, G. [Szabo, G.]; PREOBRAZHENSKAYA, T.P.

Characteristics of three strains of actinomycetes synthesizing  
new antibiotics. Antibiotiki 7 no.4:312-317 Ap '62. (MIRA 15:3)

1. Otdel antibiotikov Instituta eksperimental'noy meditsiny  
Vengorskoy AN, Debretsen i institut po izyskaniyu novykh  
antibiotikov AMN SSSR.

(ACTINOMYCES)

(ANTIBIOTICS)

ALIKHANJAN, Sz.I. [Alikhanian, S.I.]; MINDLIN, Sz.Z. [Mindlin, S.Z.];  
SZUCHODELEC, V.V. [Sukhodelets, V.V.]; KRILOV, V.N. [Krylov, V.N.];  
SZABO, Gabor, dr. [translator]; IVANOVICS, Gyorgy, prof.dr.  
[translator]

Some newer problems relating to the genetics of microorganisms.  
Biol kozl 10 no.2:87-96 '62.

1. Szovjet Orvostudományi Akadémia Kurcsatovról elnevezett  
Atomenergiái Intézete (for Alikhanian, Mindlin, Sukhodelets,  
Krylov).

\*

DORY, Istvan, (Budapest IV., Ujpest, To u. 1-3); SZABO, Gabor (Budapest IV.,  
Ujpest, To u. 1-3)

Investigations of compounds with sterane skeleton. VIII.  
Contribution to the ozonolysis and reduction of 21-benzal-  
20-ketosteroids. Acta chimica Hung 30 no.2:213-219 '62

1. Chinoin, Fabrik für Arzneimittel und Chemische Produkte.

BASSLER, Gusztav, dr.; SZABO, Gabor, dr.; CZAKO, Zoltan, dr.

Experience with the antibiotic treatment of chronic pyogenic processes.  
Orv. hetil. 103 no.23:1069-1072 10 Je '62.

1. Debreceni Orvostudományi Egyetem, Gyógyszertani Intézet; M.T.A.,  
K.O.K.I. Antibiotikum Osztály; Debreceni Orvostudományi Egyetem, Tbc.  
Klinika.

(ANTIBIOTICS ther)

VITALIS, S.; SZABO, G.; VALYI-NAGY, T.

Comparison of the morphology of streptomycin-producing and nonproducing strains of *Streptomyces griseus*. Acta biol. acad. sci. Hung. 14 no.1:1-15 '63.

1. Biological Institute, Medical University, Debrecen (Head: G. Szabo) and Pharmacological Institute, Medical University, Debrecen (Head T. Valyi-Nagy).

(STREPTOMYCIN)	(STREPTOMYCES)
(CULTURE MEDIA)	(METHYLENE BLUE)
(NUCLEIC ACIDS)	(PERIODIC ACIDS)



B.SZABO, Geza

Mechanization problems of sugar beet growing. Cukor 11 no.8:  
203-206 Ag'58

1. Cukoripari Igazgatóság osztályvezetője.

SZABO, Gezane; VUKOV, Konstantin, dr.

Scientific conference on sugar beet storage. Cukor 17 no.  
1: 1-7 Ja '64.

1. "Cukoripar" szerkeszto bizottsagi tagja (for Vukov).

SZAFÓ, G. 1948

(State Inst. of Hygiene, Budapest)

"Comparative Studies of Endemic Goitre Districts in Hungary."

Nepgeszégügy 1948, 29/27(625-629)  
Abst: Exc. Med. 111, Vol. 111, No. 3, p. 90

CA

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Microanalytical determination of thyroxine iodine in the blood of humans suffering from goiters and disturbances of the iodine metabolism. László Vekete and Géza Hamar (Országos Kémcsiszáró Intézet, Budapest, Hung.). *Országos Hírlap* 98, 449-52 (1949).—The Demeczky method was modified for use with org. substances. The procedure is based upon the reaction of  $\text{Ce}(\text{SO}_4)_3$  and  $\text{H}_2\text{AsO}_4$  catalyzed by the presence of I. When a dil. ferriin soln. (triferrous o-phenanthroline) is added to a NaCl soln., the liquid is colored red. On addn. of  $\text{Ce}(\text{SO}_4)_3$  soln. in the presence of I the color changes to green then consecutively to blue, lilac and red. The time required to reach the final red color is measured and compared to standard I-contg. solns. for obtaining the I contents in tests. The micromethod is suitable for detection of 0.0002  $\gamma$  I in 1.0 ml. liquid. The blood of normal humans analyzed by this method contained 3.0-6.5, of children below 5 yrs. 2.0-6.0, in hypothyroidism 1.0-3.0, of cretens 0.05-0.5, in euthyroidism 3.0-6.5, in hyperthyroidism 7.0-20.0, in postoperative myxedema 1.5-3.0, in ophthalmic goiter 5.0-7.0  $\gamma$  % thyroxine I. 18 references. István Fényi

3131, 4, an. 11000.

"1954 in the History of the Hungarian People. n. 273.  
" 1954, 1954, Vol. 3, No. 1, Oct. 1954)

SS: Monthly List of East European Accessions, IM, Vol. 3, No. 1,  
April, 1954

SZABÓ, G. *G. Szabó*

EXCERPTA MEDICA Sec.3 Vol.10/7 Endocrinology July56

1217. SZABÓ G., KERTAI P., R. BALOGHI. and KNEISZL F. Országos közegészségügyi Intézet Tájégoészségügyi Osztálya, Budapesti. \*A sympathicus idegrendszer hatása a pajzsmirigy működésére. The effect of the sympathetic nervous system on thyroid function KISÉRL. ORVOSTUD. 1955, 7/2 (127-130) Tables 2

The cervical sympathetic nerve of dogs was stimulated by faradization. An increase of the inorganic and organic iodine content of the blood was observed, whereas a decrease occurred in thyroidectomized control animals. In the first 100 min. following stimulation increased resorption was shown histologically in the thyroid. This was not to be found in thyroids removed after 48 hr.

Góth - Budapest

SOS, Jozsef, dr.; SZABO, Geza, dr.

Industrial hygiene in the five year plan. *Nepesegsegugy*  
36 no.8:201-204 Aug 55.

1. Kozlemeny a Budapesti Orvostudományi Egyetem Korelettani  
Intezetebol es - az Országos Kozegessegugyi Intezetbol.  
(INDUSTRIAL HYGIENE,  
in Hungary, in 5-year plan.)

EXCERPTA MEDICA Sec.3 Vol.11/3 Endocrinology March 57

435. SZABÓ G., KERTAI P., BALOGH I. R. and KNEISZL F. Abt. für Kropf-  
forsch. des Ungarischen Staatsinst. für Hyg.; Pathophysiolog. Inst. der Med.  
Univ., Budapest; Pathol.-Anat. Abt. des 'Korányi', Stadtkrankenh., Budapest.  
\*Die Wirkung des sympathischen Nervensystems auf die Funktion der  
Schilddrüse. The sympathetic nervous system and thyroid  
function Z. VITAMIN-, HORMON- U. FERMENTFORSCH. 1956, 8/1  
(29-35) Tables 2

Faradic stimulation of the cervical sympathetic nerve in dogs caused an increase  
in inorganic and organic iodine content of the blood. Histologically increased col-  
loid resorption was detectable 100 min. after the stimulation; 48 hr. later this  
effect was no longer observable.  
Lever - Amsterdam



SZABO, Geza, dr.; BARNA, Sandor, dr.; FEUER, Gyorgy, dr.; BALOGH, Iren, dr.

Significance of serum thyroxin and triiodothyronine determination  
in clinical diagnostics. Orv. hetil. 97 no.41:1136-1138 7 Oct 56.

1. Orszagos Kozegeszsegugyi Intezet Tajegeszsegugyi (Golyvakutato)  
Osztaly, Budapest X. ker. Egeszseghaz Belgyogyaszati Osztaly,  
Magyar Tudomanyos Akademia Biokemiai Intezet.

(THYROID GLAND, dis.

differ. diag., blood thyroxin & triiodothyronine determ.  
(Hun))

(THYROXIN, in blood

determ., in differ. diag. of thyroidal dis. (Hun))

(TRIIODOTHYRONINE, in blood

same)

SZABO, Geza; CZEYDA-POMMERSHEIM, Ferenc; NAGY, Ngon; REMENARNE-BALOGH,  
Iren

Critical review of the diagnostic application of the determination of blood protein-bound urinary iodine in thyroid gland diseases and autonomic dystonia. Orv. hetil. 97 no.43:1184-1189 21 Oct 56.

1. Az Országos Kozegeszsegugyi Intezet (foigazgato: Tako, Jozsef dr.) Tajegeszsegugyi (Golyvakutato) Osztalyarol es a Pest Megyei Tanacs Korhaza (Rokus) I. sz. Sebészeti Osztalyarol (foorvos: Czeyda-Pommersheim, Ferenc, dr.) kozlemenye.

(THYROID GLAND, dis.

differ. diag. from autonomic dis. by determ. of blood-protein-bound & urinary iodine (Hun))

(AUTONOMIC NERVOUS SYSTEM, dis.

differ. diag. from thyroid dis. by determ. of blood protein-bound & urinary iodine (Hun))

(IODINE, determ.

in blood proteins & urine in differ. diag. of autonomic dis. & thyroid dis. (Hun))

SZABO, Geyza

EXCER. T. MEDICA Sec 3 Vol 13/1 Endocrinology Nov 59 . . .

2088. MICRO-ANALYTICAL DETERMINATION OF THYROID HORMONES IN THE SERUM AND THE THYROID GLAND - Pajzsmirigyhormonok mikroanalitikai meghatározása szérumban és pajzsmirigyben - Szabó G., Feuer G. and Balogh I. Ország. Köseg. Int. Tájégt. Osztál. és Mag. Tudomán. Akad. Biokém. Intéz., Budapest - KISÉRL. ORVOSTUD. 1958, 10/2-3 (113-120) Graphs 3 Tables 7 Illus. 1

A micro-analytical method for the determination of thyroid hormones (thyroxine and triiodothyronine) in the thyroid gland and in the serum was devised on the basis of paper chromatography and micro-determination of iodine. The sensitivity of the method is 0.001  $\mu$ g. iodine. With this method a new iodine-containing compound was demonstrated in the thyroid and in the serum in addition to the known thyroid hormones.

SZABO, Geza

Sugar beet supply of the Hungarian sugar industry. Cukor 17 no.7:  
193-196 J1 '64.

\_SZABO, Gyula

Foundation problems of the residential section of the Kelenfold  
House Factory. Magyar ipar 13 no.7:385-389 '64.

SEABO, NY.

"Factory and laboratory thermometry in the silicate industry" p. 142, (E ITCANYAG,  
Vol. 5, no. 4, April 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

G. SZABO.

"The Innovator Movement in the Chemical Industry." p. 3 (Ujitol Lapja, Vol. 5, no. 11  
June 1953 Budapest.)

Vol. 2, no. 9

SO: Monthly List of East European Accessions./Library of Congress, Sept, 1953 Uncl.

52A:0, .

"Some Problems of the Chemical Industry; the Opening Lecture Given at the Conference on Organic Chemistry in Moscow." p. 217. "The 3d Assembly of the World Federation of Scientific Workers." p. 21. "... Digest of Lectures Given by Members of the Assembly." p. 263 (LAWRENCE HENKINSON LAPSA, Vol. 1, No. 10, Oct. 1953) Budapest, Hungary

So: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.



SZABO, G.

Magyar Kemikusok Lapja- Vol. 10, no. 3, March. 1955

Support given by the Soviet Union to the Hungarian chemical and oil industries. p. 65.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

SZABO, G.

Magyar Kemikusok Lapja - Vol. 10, no. 5, May 1955.

Our chemical industry in the past 10 years and our future tasks. p. 129.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

STABO, G.

"Apparatus for measuring the duration of a drop attached to a polarograph."

CHYMICKY PRUMYSL, Praha, Czechoslovakia, Vol. 6, No. 12, December 1956.

Monthly Li t of East Europea Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

REVICZKY, Ferenc, okleveles bányamérnök; SZABO, György, okleveles kémikus

Introducing a new method of alarm by using aromatic compounds in the collieries of the Tatabanya Coal Mining Trust. Bany lap 97 no.7: 450-455. J1 '64.

1. Tatabanya Coal Mining Trust, Tatabanya.

SZABO, G.

Results of recent research on ophthalmic disease of tuberculous origin.  
Szemeszet 88 no.1:22-28 1951. (CIML 23:2)

1. Doctor, Hospital Ophthalmological Head Physician. 2. Department of  
Ophthalmology (Head Physician -- Dr. Gyorgy Szabo), Mako General Hospital  
(Director -- Dr. Gyula Nyitray).

SZABO, G.

Local application of streptomycin in the therapy of tuberculous eye diseases. Szemeszet 89 no. 2:70-75 June 1952. (CLML 23:1)

1. Doctor. 2. Ophthalmological Department (Head Physician -- Dr. Gyorgy Szabo), Mako County General Hospital (Director -- Dr. Gyula Nyitray).

Szabó, Gy.

2575. Effect of enzyme poisons on the vaso-constrictor and -dilator responses of the perfused rabbit ear. G. Hetényi, jun., B. Issekutz, jun., Gy. Szabó, and J. Kecse-Nagy *Acta physiol. Acad. Sci. Hung.*, 1954, 6, 277-288 (Physiol. Inst. Med. Univ. Szeged, Hungary).—Nitroglycerin and perparin were used to elicit the vaso-dilator, Locké's soln. has no vasodilator response, while vasoconstriction is elicited normally. Perfusion with 15 mM-NaF restores the vaso-dilator response without altering vasoconstriction. If during a vasodilatation of a NaF-perfused ear NaCN or fluoroacetate are perfused the vasodilatation is abolished. Later the vasoconstriction response will also be lost. The results are discussed from the point of view of the effect of ATP content on muscular relaxation and contraction and on the effect of these enzyme poisons on the ATP content. (German)

A. B. L. BEZNÁK.

ENCLOSURE MEDICA Soc.4 Vol.9/7 Microbiology, etc. July 56

1848. SZABÓ Gy. Ophthalmol. Abt., Bezirkskrankenh., Makó. \*Untersuchung der Tuberkulinempfindlichkeit an Augen und Haut von tuberkuloallergischen Kaninchen. Investigation of the tuberculin sensitivity of eyes and skin in tuberculin allergic rabbits ACTA MED. ACAD. SCIENT. HUNG. (Budapest) 1955, 8/3-4 (323-335) Tables 1 Illus. 15  
Out of 20 rabbits 7 were inoculated with the human strain of M. tuberculosis H37Rv into the foremost eye-chamber, 7 subcutaneously into the foreleg, and 2 into the eye-chamber as well as subcutaneously; the course of the infections is described. Starting from the 6th week, serial tuberculin testing was carried out, each animal receiving 3 times the same dose of old tuberculin in different spots: intracutaneously into the left ear and into the conjunctivae of both eyes. It was found, that infection of one eye elicited a tuberculin sensitivity of both of them (the reaction of the non-infected one being only slightly weaker), which was scarcely influenced by simultaneous subcutaneous infection, whereas a subcutaneous infection alone produced a much weaker allergic response of the eye.

Oskam - Utrecht (IV, 15\*)



JIAH, Imre,; SZABO, Gyorgy.

Methods to measure sensitivity of the cornea. Szemeszet 92 no.2:  
93-96 June 55.

1. A Budapesti Orvostudományi Egyetem I.sz. Szemklinikájának  
(igazgató: Radnot Magda egyetemi tanár, az orvostudományok doktora)  
közleménye.

(CORNEA, physiol.

sensitivity, new measuring instrument (Hun))

(OPHTHALMOLOGY, appar. & instruments

instrument for measuring corneal sensitivity (Hun))

SZABO, Gyorgy.

~~Phlyctenular disease.~~ Szemeszet 92 no.3:129-142 Sept 55.

1. Mako Varos Tanacsa VB. Korhaza (igazgato: Toth J. Janos)  
Szemosztalyanak (foorvos: Szabo Gyorgy) kozlemenye.  
(EYE, diseases,  
phylctenular dis., review)

SZABO, Gyorgy

Removal of non-magnetic foreign bodies from the cornea. Szemeszet  
97 no.4:220-228 D '60.

1. Makoi Varosi Tanacs Korhaza (Igazgato-foorvos: Toth J.Janos)  
Szemosztalyanak (Foorvos: Szabo Gyorgy) kozlemenye.  
(CORNEA for bodies)

SZABO, Gyorgy, dr.; SERENYI, Pal, dr.; KOCSAR, Laszlo, dr.

Fat embolism and fat absorption at the site of an injury.  
Orv. hetil. 104 no.50:2364-2366 15 D '63.

1. Orszagos Traumatologiai Intezet es Budapesti Orvostudomanyi  
Egyetem, III Belklinika.

(EMBOLISM, FAT) (FEMORAL FRACTURES)  
(LIPID METABOLISM) (TRIOLIN)  
(IODINE ISOTOPES, DIAGNOSTIC)  
(LYMPHATIC SYSTEM) (BLOOD)

SZABO, Gy. ; MAGYAR, Zs.

The effect of angiotensin on circulation and cerebral metabolism  
in experimental shock. Acta med. Acad. sci Hung. 20 no.2:145-151  
'64.

1. National Institute of Traumatology, Budapest.

SZABO, Gy.; SOLTI, F.; PETER, Agnes; ISKUM, M.; REV. Judit; FOLDESY, Klara

On the effect of reduced circulating blood volume on cerebral  
circulation and resistance in man. Acta med. Acad. sci. Hung.  
20 no.2:107-112 1964

1. Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsnyak) und  
neurologische Klinik (Direktor: Prof. Dr. B. Horanyi) der medi-  
zinischen Universität, Budapest.

HUNGARY

SZABO, Gyorgy, Dr. of med. sci., MAGYAR, Zsuzsa; National Institute of Traumatology (Orszagos Traumatologiai Intezet).

"Pressure and Flow Relationships in the Lymphatic System I. The Effect of an Elevation in Central Nervous Pressure on the Pressure and Flow of Lymphatic Fluids."

Budapest, A Magyar Tudomanyos Akademia V. Orvosi Tudomanyok Osztalyanak Kozlemenyei, Vol XVI, No 2-3, 1965, pages 285-296.

Abstract: [Authors' Hungarian summary] In the dog, there is a close linear correlation between venous pressure and pressure in the d. thoracicus or tr. cervicalis. In the case of increased pressure in the d. thoracicus, there is an increase in the pressure of the abdominal lymphatic vessels (liver, tr. intestinalis, tr. lumbalis); the lymphatic pressure in the extremities remains unchanged. When the emptying of the d. thoracicus is mechanically inhibited, there is a decrease in the flow. There is an inverse correlation between the logarithm of lymphatic flow and the resistance. The flow is, however, also dependent on the production of lymphatic fluid. In case of elevation of the systemic venous pressure or in acute hypoproteinemia, considerably greater flow can be noted in the d. thoracicus than in normal animals under identical resistance conditions. In case of increased lymphatic fluid production, flow will cease only in the presence of considerably increased resistance. An analysis of the correlations led to

1/2

2/2

HUNGARY

SZABO, Gyorgy, MAGYAR, Zsuzsa; National Institute of Traumatology (Orszagos Traumatologiai Intezet), Budapest.

"Haptoglobin Concentration of Lymph Fluid."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 4, Aug 66, pages 418-421.

Abstract: [Authors' Hungarian summary] In 12 dogs anesthetized with chloralose, the blood plasma contained an average of 104 (s.d. 51) mg per cent haptoglobin. The plasma as well as the thoracic duct, cervical duct and intestinal lymphatic fluids contained nearly identical amounts of haptoglobin per 1 g of protein. There is a close and significant correlation between the mg haptoglobin/g protein quotients of the plasma and of the lymph fluid samples mentioned indicating that, like the other proteins, the haptoglobin in the lymphatics is derived from the blood plasma. The lymphatics of the liver contain somewhat larger amounts of haptoglobin and there is no significant correlation between the haptoglobin content of the plasma and the liver lymphatics. 2 Hungarian, 7 Western references. [Manuscript received 27 Aug. 65.]

KAROLYI, Gyorgy, dr.; SZABO, Gyorgy, dr.

A pediatric gynecological case. Orv. hetil. 105 no.33:1577  
16 Ag '64.



RUSZENYAK I., FOLDI M. and SZABO G. A. *maximalis tubularis cukorresorptio*  
(T<sub>mg</sub>) es phosphorylatio Maximal resorption of glucose from the renal tubules and  
phosphorylation Orvosok Lapja 1947, 3/31 (1185-1186) Graphs I

The maximal tubular glucose resorption was followed in the dog before and after  
injection of 20 mgm per corten. The cortical hormone raised this value from 200  
to more than 600 mgm per cent. It is assumed that the action of the cortical hormone  
is due to the increase in the phosphorylation of sugars. There was no observable  
oedema during protracted infusion experiments, and the fall in the glucose resorption  
had to be attributed to the loss of phosphorylating ability rather than to oedema.

So: Physiology, Biochemistry and Pharmacology, Section II., Vol. I, #1-6

SZAFU, G. 1948

(Budapest Paz. Felt. Tud. i. sz, Belklinikai Janak Kioslemenye)  
"Renal Function in Ischaemia of the Renal Cortex"

Magyar Belorvosi A. ch., Budapest, 1948, 1/6(283-98)  
Abst: Exc. Med. V, Vol. 11, No. 5, p. 381

SZAFU, G. 1948

(I. Sz. Belklinikai Kozlemenye, U. of Budapest)

"Investigations into the Activity of the Diseased Renal Epithelium."

Magyar Bel. Arch. Budapest. 1948, 2/1(20-30)  
Abst: Exc. Med. V. Vol. 11, No. 12, p. 936

SZAFI, G. 1948

(1st. Med. Clin. U. of Budapest.)

"Glomerular and Tubular Function in Experimental Renal Cortex Ischaemia."

Experientia 1948, 4/7(278-279)

Abst: Exc. Med. 11, Vol. 11, no. 1, p. 62

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CA

PROPERTIES AND PROPERTIES INDEX

Aglycosuric blood-sugar level in diseased kidneys.  
Mihaly Foldi and György Szabo. *Chrom. Helv.* 80,  
121-124 (1958). Dogs were intoxicated by treatment with  
5 mg. kg. body wt. of uranyl acetate for 1 week until  
severe lesions of the kidneys appeared. The presence of  
lesions was detd. by an increased creatinine content of  
serum (above 3.0 mg. %). Load tests were then intro-  
duced. The concn. of blood sugar in the intoxicated dogs  
ranged within 1215-2125 mg. % against 125-175 mg. % in  
normal dogs. The aglycosuric blood-sugar level was simul-  
taneously 617-1382 mg. % compared with normal values  
of 102-125 mg. %. It seems that the low clearance is the  
cause of the diminished sugar permeability of the kidneys,  
i.e., the sugar filtration is inhibited. Simultaneously, also,  
the tubular sugar resorption decreases. I. F.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1304 BOMBY

1304 BOMBY

STABO, G.  
(1949).

A Budapesti Pázmány P. Tudományegyetem I. sz. Belklinika. Passiv tubularis cukor-rediffúzió Passive rediffusion of glucose in the renal tubules Orvosi Hetilap 1949, 89/24 (369-372) Graphs 2

A lesion of the renal tubules was produced by compression of the renal artery for one to two hours, or by uranyl-acetate 0.01 g./kg. The function of the tubular epithelium was tested with the inulin, p-aminohippuric acid (PAH) and glucose-clearance tests. The animals received at the beginning of the experiment 50 g. glucose (10% solution), 15 g.  $\text{Na}_2\text{S}_2\text{O}_3$ , 8 g. inulin and 0.2 g. PAH intravenously and a solution containing these substances was perfused during the time of the experiment. The PAH is excreted and the glucose resorbed by the tubular epithelium, so that PAH has a greater, and glucose a lesser clearance than inulin. A minor lesion of the tubular epithelium causes the three clearances to be equal because the active excretion and resorption ceases. A passive rediffusion of all three substances takes place when a severe lesion is produced, and the clearance U/P may equal 1. It is concluded that the normal tubular epithelium can protect itself against excessive passive rediffusion of glucose.

Issekutz-Budapest

So: Excerpta Medica, Vol. II, No. 3, Sect. II, March 1949

11F

C. A.

**The mechanism of the renal excretion of thiocyanate.**  
György Szabó and Mihály Földi. *Magyar Belorosi Arch.*  
1949. 24(1049). -- Inulin and creatinine in 0.5 N solns. of  
NaSCN were given to dogs and load tests introduced to det.  
inulin and creatinine clearances. The tubule cells of kid-  
neys seemed to intensively resorb the SCN ions without any  
observable limits. The urinary SCN<sup>-</sup> concn. seemed to  
show a linear correlation to the SCN<sup>-</sup> concn. of plasma.  
The cells of kidney tubules probably can not differentiate  
between Cl and SCN ions. István Földi

C.A.

The role of phosphorylation in tubular resorption of sugar.  
Zoltan Fallos and György Szabó (Orvosi Hetilap 90,  
1949, 21(1049)). - Percorten had in vitro no effects on dog kid-  
ney homogenate and the phosphate fraction remained nor-  
mal. In expts. of kidneys of dogs made diabetic by alloxan  
the slowly hydrolyzable phosphate fraction diminished by  
x 5% to 31 mg. %.



SZABO, G. 1949

(Budapest Paz. Pet. Tud. o. sz. Belklinikai tanulmányok)

"Mechanism of Tubular Excretion of P-Aminohippuric Acid."

Orvosi Hetilap, 1949, 90/8(234-235)

Abst: Exc. Med. 11, Vol. 111, No. 1. p. 75

SZAFU, G. 1949

(1st. Med. Clin. U. of Budapest.)

"Passive Tubular Rediffusion of Glucose."

Acta Medical Scandinavia 1949, 134/3(225-231)  
Abst: Exc. Med. 11, Vol. 111, No. 2, p. 201

FOLDI, M.;SZABO, G.;MAGYAR, Zs.

The renal secretion of urea. Acta med. hung. 2 no.3-4:449-473 1951.  
(CML 23:2)

1. Of the First Department of Medicine, of Budapest University.

FOLDI, M.; RUSZNYAK, I.; SZABO, G.; VAGO, E.

Antihyaluronidase titer of plasma in renal disease and in  
cardiac edema. *Magy. belorv. arch.* 4 no.2:66-69 1951.  
(CML 20:11)

1. Doctors. 2. First Internal Clinic (Director -- Dr. Istvan  
Rusznayak), Budapest Medical University.

FOLDI, M.; RUSZNYAK, I.; SZABO, G.

Effect of novurit on lymphatic circulation. Magy. belorv. Arch. 4 no.4:  
159-161 1951. (CML 21:4)

1. Doctors. 2. First Internal Clinic (Director--Prof. Dr. Istvan Rusz-  
nyak), Budapest Medical University.

FOLDI, M.;RUSZNYAK, I.;SZABO, G.

The role of lymph-circulation in the pathogenesis of edema. Acta med.  
hung. 3 no.3:259-277 1952. (CLML 23:4)

1. Of the First Department of Medicine of Budapest University.

SZABO, G.;BRAUN, P.;KALDOR, A.

Competition among the substances excreted by the liver or kidneys.  
Magy. belorv. arch. 5 no.2:62-66 June 1952. (CML 25:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan Ruzsnyak), Budapest Medical University.

GOMORI, P.; FOLDI, M.; SZABO, G.

On kidney function in exsiccosis. 1. Renal circulation and tubular  
resorption in exsiccosis. *Magy. belorv. arch* 5 no.3:105-108 Sept 1952.  
(*CIML* 25:5)

1. Doctor. 2. First Internal Clinic (Director -- Prof. Dr. Istvan  
Rusznayak) and Third Internal Clinic (Director -- Prof. Dr. Pal Gomori)  
Of Budapest Medical University.



SZABO, G.; LITTMAN, I.

Surgical therapy of portal hypertension. *Magy. belorv. arch* 5 no.3:  
118-122 Sept 1952. (CJML 25:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan  
Rusznayak) and Clinic for Advanced Training in Surgery (Director --  
Dr. Imre Littman) of Budapest Medical University.

SZABO, G.;TOTH, I. .

Antidiuretic effect of quine derivatives. Magy. belorv. arch. 5 no.4:  
149-154 Dec 1952. (CML 25:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan  
Rusznayak), Budapest Medical University.

SZABO, G.;BRAUN, P.;KALDOR, A.

Competition between substances excreted by the liver and the kidney.  
Acta med. hung. 4 no.3-4:229-240 1953. (CML 25:5)

1. Of the First Department of Medicine of Budapest University.

FOLDI, M.; RUSZNYAK, I.; SZABO, G.

The fluid storing and resorbing function of the lymphatic system.  
Acta med. hung. 4 no.3-4:355-368 1953. (CML 25:5)

1. Of the First Medical Clinic of Budapest University.